



MARSHALL STAR

Serving the Marshall Space Flight Center Community

Nov. 5, 2009

NASA gives 'go' for shuttle Atlantis launch Nov. 16

NASA news release

NASA's space shuttle Atlantis is targeted to begin an 11-day flight to the International Space Station with a Nov. 16 launch from the Kennedy Space Center, Fla. Liftoff is scheduled for 1:28 p.m. CST.

Atlantis' launch date was announced Oct. 29 at the conclusion of a flight readiness review at Kennedy. During the meeting, senior NASA and contractor managers assessed the risks associated with the mission and determined the shuttle's equipment, support systems and procedures are ready.

The Nov. 16 target date depends on the planned Nov. 14 launch of an Atlas V rocket from nearby Cape Canaveral Air Force Station. The Atlas has reserved the Eastern Range on Nov. 14 and 15. If the Atlas launch is delayed to Nov. 15, the shuttle's liftoff will move to no earlier than 1:02 p.m. on Nov. 17.

The STS-129 mission will focus on storing spare hardware on the exterior of the space station. The flight will include three spacewalks to install two platforms on the station's truss, or backbone. The platforms will hold spare parts to sustain space station operations after the shuttle fleet is retired.

Commander Charles O. Hobaugh and his crew of five astronauts are scheduled to arrive at Kennedy on Nov. 12 for final launch preparations. Joining Hobaugh on STS-129 will be Pilot Barry E.

See STS-129 on page 2



Space shuttle Atlantis on Launch Pad 39A at Kennedy

Marshall Director Robert Lightfoot to hold all-hands Nov. 6

Marshall Space Flight Center Director Robert Lightfoot will hold an all-hands meeting from 9-10:30 a.m. Nov. 6 in Morris Auditorium, Building 4200. He will update the Marshall team on the results of the final report released by the Review of Human Spaceflight Plans Committee.

All center employees – civil service and on-site contractors – are encouraged to attend. The meeting also will be broadcast on Marshall Centerwide TV, and streamed to the desktop.

Buses will be available to bring Marshall team members to and from the meeting. Please see Inside Marshall for the bus schedule.



Robert Lightfoot

CFC donations top \$288,000!



The Marshall Center's 2009 Combined Federal Campaign runs through Dec. 11. So far, Marshall's work force has contributed \$288,446 toward the center's \$625,000 goal.



The Combined Federal Campaign drive continues! Charlie Holliman, left, general clerk in the Marshall Space Flight Center's Office of Human Capital, and Herb Shivers, deputy director of the Safety & Mission Assurance Directorate, were among those who shared pizza, pom-poms and fundraising excitement during the center's annual CFC rally Oct. 27. Since the rally, donations have climbed to more than \$288,446. For more information, visit <http://cfc.msfc.nasa.gov>.

STS-129 *Continued from page 1*

Wilmore and Mission Specialists Leland Melvin, Randy Bresnik, Mike Foreman and Robert L. Satcher. Nicole Stott, an astronaut who currently resides on the station, will return home with the Atlantis crew after living in space for more than two months. Her return is slated to be the final time the shuttle is used to rotate space station crew members.

STS-129 will be Atlantis' 31st mission and the 31st shuttle flight dedicated to station assembly and maintenance.

For more information about the STS-129 mission, visit <http://www.nasa.gov/shuttle>.



Marshall team asked to participate in Veterans Day parade

Marshall Space Flight Center team members can recognize the "heroes among us" by taking part in Huntsville's annual Veterans Day parade Nov. 11.

The event, sponsored by Huntsville television station WAFF, Channel 48, begins at 11 a.m. in downtown Huntsville. This year's parade theme is "Courage, Sacrifice, and Duty – Heroes Among Us."

Marshall participants are encouraged to wear clothing with the NASA logo and meet at 10 a.m. in the parking lot next to the Coca-Cola Bottling Company on Clinton Avenue. Shuttle vans will be provided for those who cannot walk the two-mile route.

For more information about the parade or for specific accommodations, contact Phyllis Olinger in Marshall's Office of Diversity and Equal Opportunity at 544-0022.

Marshall invited to Konrad Dannenberg tribute Nov. 7

Marshall Space Flight Center team members are invited to celebrate the life, work and contributions of Konrad Dannenberg on Nov. 7. Dannenberg was a member of the original team led by Marshall's first director, Dr. Wernher von Braun.

The grand opening and tribute of the Konrad Dannenberg Collection at the University of Alabama in Huntsville's M. Louis Salmon Library will be from 10 a.m. to 4 p.m. The collection includes items such as Dannenberg's personal notes, books, photos, artifacts, diaries and letters.

Among the speakers will be Dannenberg's son, Klaus Dannenberg, deputy director of the American Institute of Aeronautics and Astronautics; retired U.S. Army Brig Gen. Julius Braun; Dave Christensen, an aerospace consultant; Robert Schwinghamer, former Marshall associate technical director; Sonny Morea, former Marshall manager of the Lunar Roving Vehicle Project; Ralph Petroff, CEO of Magna Vista Group in Huntsville; and Dannenberg's widow, Jackie Dannenberg.

Former colleagues and the public are invited, but are asked to make reservations due to limited space. Those interested in attending should RSVP to konrad2009@nss.org, or call 603-0055 or 682-2799. A fee of \$20, which includes lunch, will be collected at the door.

For more information, visit Inside Marshall at http://inside.msfc.nasa.gov/announcements/KonradDannenberg_Tribute.html.

Classified Ads

To submit a classified ad to the Marshall Star, go to Inside Marshall, to "Employee Resources," and click on "Employee Ads — Submit Ad." Ads are limited to 15 words, including contact numbers. No sales pitches. Deadline for the next issue, Nov. 12, is 4:30 p.m. Thursday, Nov. 5.

Miscellaneous

Deep freezer, \$250. 684-6006

Snapper high-vacuum riding mower, 30-inch cut, needs new 12.5 HP engine, \$100. 325-0085

Sonor five-piece black drum set, lots of accessories, \$600. 205-394-1307

1999-2004 Grand Cherokee headlights, \$25; K&N filter, \$15; HP printer, \$25; Barber chair, \$650. 658-8241

2001 Jeep Wrangler service/repair manual, \$10; deluxe

sport grips, \$10. 828-5591 leave message

Chihuahua, cinnamon male, 11 weeks, \$150. 890-0956

Wii console, two controllers/nunchucks, sensor bar, all cables, 10 games, \$340. 724-1980

Clayton Marcus sofa, burgundy/green/beige, \$250. 533-1797

Hard plastic bow case, foam padding, \$15; oak dining room table, leaf, six chairs, \$300. 776-7399

Jeep Wrangler unlimited hardtop with Line X Extra, \$850 obo. 520-2656

Boston acoustics Tvee speaker bar and wireless subwoofer, \$200 obo. 457-5173

Sony DVP-CX995V 400 disk DVD changer HDMI, \$185. 520-1970

2006 Honda CRF100F dirt bike, 30 hours, \$1,250. 508-8269

Tailgater thermos fire and ice grill-2-go rollaround grill and cooler, \$100. 777-3989

Vehicles

2003 Dodge Ram 1500 quad cab truck, leather, bedliner, full chrome package. 714-9712

2003 Club Car, Auburn University colors, new batteries, windshield, charger, 36V, \$1,950. 682-6326

1999 Toyota Tacoma Prerunner, 91k miles, \$9,500; 1999 Miata-MX5, five-speed, 90k miles, \$5,700. 355-5811 or 654-5455

1996 Honda Odyssey, 143k miles, all records available, \$3,500. 881-3288

1993 GMC Diesel pickup truck, white, \$3,600. 379-4010

Restored 1965 Corvair Monza coupe, 4-speed manual, yellow with black interior, \$10,000. 882-1566 after 4 p.m.

Wanted

Treadmill in good condition. 216-9973

Wooden fence posts, cedar or telephone pole. 773-8877

Found

Ring, Marshall picnic area, Sept. 29. 509-8001

Free

5-month-old male cat, neutered, first shots, white/black spots, bushy tail, yellow eyes. 751-4043

Bringing a bit of space to Boaz schools



Joe Davis, chief of the Special Test Equipment Design Branch in the Marshall Space Flight Center's Engineering Directorate, explains how the space shuttle works to fourth- and fifth-grade students from the Boaz Intermediate School in Boaz, Ala., during "NASA Week." Educators representing NASA's Discovery & New Frontiers Program brought a bit of space to the Boaz community by visiting five city schools Oct. 23-27 and holding a teacher-educator workshop at the local library.

Judy Ballance, a chief engineer in Marshall's Engineering Directorate and a native of Boaz, talks to school children at the Boaz Intermediate School about the current missions that engineers and scientist are working in the Discovery & New Frontiers Program. She explained how NASA is sending these spacecrafts and probes to the far reaches of the solar system.



Obituaries

Clarence Christian, 84, of Brownsboro died Oct. 22. He retired from the Marshall Center in 1989 as an aerospace engineer. He is survived by his wife, Kathryn Kent Christian.

James Lomax, 78, of Athens died Oct. 25. He retired from

the Marshall Center in 1987 as a program analyst. He is survived by his wife, Mary Anne Lomax.

Robert Hunt, 86, of Huntsville died Oct. 30. He retired from the Marshall Center in 1980 as an aerospace engineer supervisor. He is survived by his wife, Betty Burch Hunt.

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